



Kentucky Agricultural Statistics Service  
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# KENTUCKY WEEKLY CROP & WEATHER REPORT



Prepared in Cooperation with:  
Univ. of Ky - Agr'l Weather Center  
U.S. Dept. of Commerce - NOAA  
Kentucky Department of Agriculture  
Cooperative Extension Service

LELAND E. BROWN, State Statistician

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**AGRICULTURAL NEWS:** The first week of April saw above normal temperatures across the State. Temperatures averaged 63 degrees, 10 degrees above normal. Rainfall continued to be below normal with north central areas being the driest. **Topsoil moisture**, as of Friday, April 6 was rated 1 percent very short, 6 percent short, 73 percent adequate, and 20 percent surplus. **Subsoil moisture**, was rated 1 percent very short, 12 percent short, 72 percent adequate, and 15 percent surplus. Days suitable for fieldwork averaged 3.4 out of a possible 6 days. Farmers continued to seed traditional and greenhouse tobacco beds with some transplants beginning to emerge. Some farmers reported starting work in the fields as moisture levels permitted. Average soil temperature reached 60 degrees, suitable for corn and sorghum development.

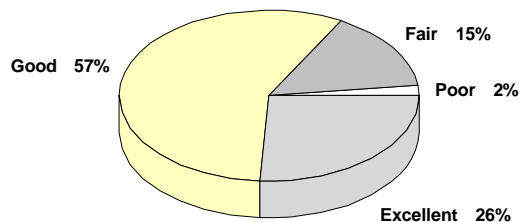
**TOBACCO:** Plant bed and greenhouse seeding was 71 percent complete by Sunday, April 8. This was 12 percent behind last year and 3 percent behind average. Tobacco transplants had emerged on 35 percent of the seeded beds and flats, 10 percent behind last year, but 13 percent ahead of average.

**SMALL GRAINS:** Cool temperatures during March may have delayed the wheat crop enough to protect it from freezing temperatures late in the month. Producers reported that it is still too early to tell if the crop was effected. Farmers report average wheat height at 9 inches. As of Sunday, April 8 winter wheat condition was 2 percent poor, 15 percent fair, 57 percent good, and 26 percent excellent. Barley was rated 5 percent poor, 33 percent fair, 47 percent good, and 15 percent excellent.

**OTHER CROPS AND PASTURES:** Corn producers have seeded 5 percent of their acres, equal to average, but well behind last year's 11 percent. Fruit trees were reported at 45% blooming or in bloom, well behind last year's 67 percent, but ahead of the 31 percent average. Some early blooming plums and peaches may have been hurt by the late March freeze, but most fruit were not effected. Pasture condition was rated 3 percent very poor, 14 percent poor, 32 percent fair, 45 percent good, and 6 percent excellent. Pasture growth was behind normal, but appears to show enough growth to supply cattle with needed feed.

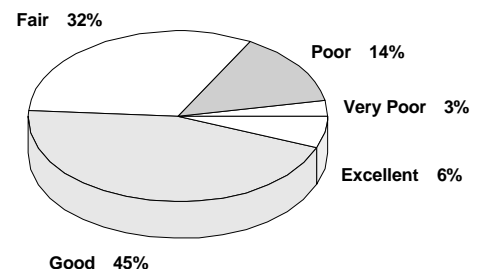
## WHEAT CONDITION

(April 6)



## PASTURE CONDITION

(Apr. 6)



# KENTUCKY CROP PROGRESS

WEEK ENDING APRIL 8, 2001

WITH COMPARISONS

Crop Stage	This Week	Previous Year	5-Yr. Avg.	Previous Week KY	U.S.
Percentage					
Tobacco Transplants					
Seeded	71	83	74	47	NA
Emerged	35	45	22	NA	NA
Corn					
Planted	5	11	5	1	1

(NA) Data Not Available.

# SOIL MOISTURE

WEEK ENDING APRIL 6, 2001

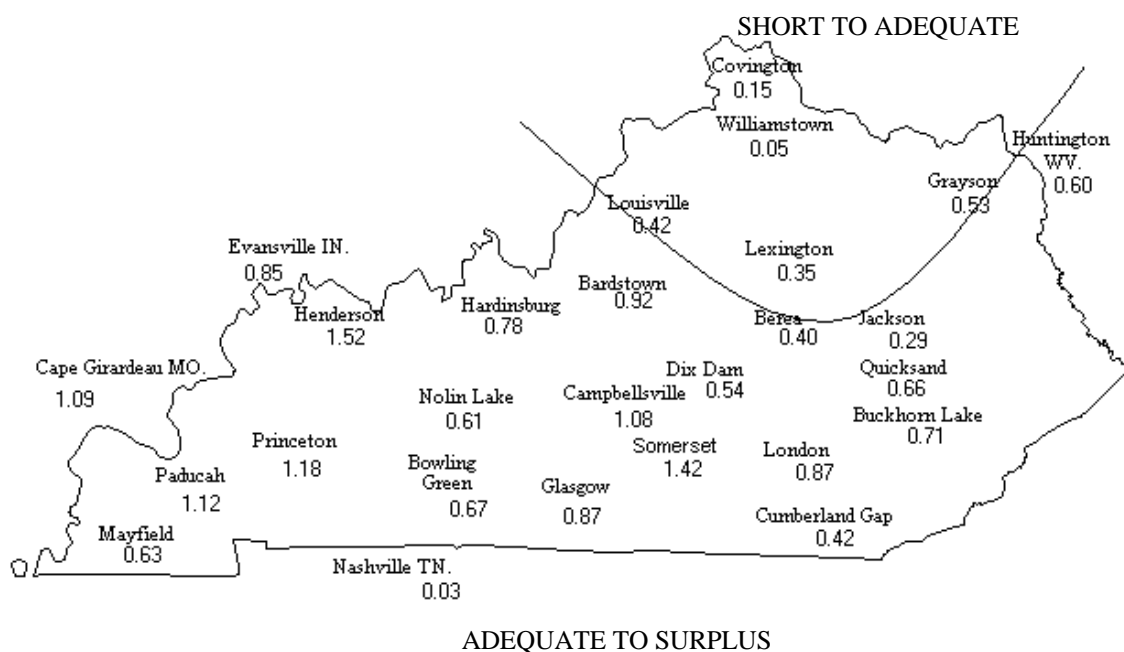
WITH COMPARISONS

	This Week	Previous Week
Percentage		
<b>TOPSOIL</b>		
Very Short	1	1
Short	6	12
Adequate	73	77
Surplus	20	10
<b>SUBSOIL</b>		
Very Short	1	1
Short	12	20
Adequate	72	72
Surplus	15	7

# KENTUCKY CROP CONDITIONS (Percent)

CROP	WEEK ENDING APRIL 6, 2001					WEEK ENDING MARCH 30, 2001				
	VERY POOR	POOR	FAIR	GOOD	EXCELLENT	VERY POOR	POOR	FAIR	GOOD	EXCELLENT
Wheat	0	2	15	57	26	1	4	23	52	20
Barley	0	5	33	47	15	0	3	24	58	15
Pasture	3	14	32	45	6	2	19	36	38	5

# PRECIPITATION MAP FOR WEEK ENDING SUNDAY, APRIL 8, 7:00 P.M. TOPSOIL MOISTURE DELINEATION FOR WEEK ENDING FRIDAY, APRIL 6, 2001



## **KENTUCKY WEATHER SUMMARY, APRIL 2 - 8, 2001:**

### **ABOVE NORMAL TEMPERATURES AND BELOW NORMAL RAINFALL:**

Summer-like heat was the story last week with temperatures reaching the mid to upper 80s by the weekend which was near or breaking record highs. Lows were also warm for early April with some areas breaking warmest low temperature records. Thunderstorms also moved through Western and Northern portions of Kentucky last week with the Paducah area being hit several days in a row. The rest of the State did receive some rain showers at the beginning of the week which interrupted field activities. The warm air temperatures helped soil temperatures to increase to around 60 at 4" under sod by the end of the week.

Temperatures for the past week averaged 63 degrees across the State which was 10 degrees ABOVE NORMAL. High temperatures averaged from 74 in the West to 72 in the East. Departure from normal high temperatures ranged from 6 degrees ABOVE NORMAL in the West to 11 degrees ABOVE NORMAL in the East. Low temperatures averaged from 56 degrees in the West to 49 degrees in the East. Departure from normal low temperature ranged from 14 degrees ABOVE NORMAL in the West to 8 degrees ABOVE NORMAL in the East. Rainfall for the past week totaled 0.70 inches statewide which was 0.29 inches BELOW NORMAL. Precipitation totals by climate division, West 1.07 inches, Central 0.71 inches, Bluegrass 0.32 inches and East 0.69 inches, which was 0.01, 0.29, 0.62 and 0.23 inches respectively BELOW NORMAL. By Kentucky station, precipitation totals ranged from a low of 0.05 inches at Williamstown to a high of 1.52 inches at Henderson.

Tom Priddy

### **KENTUCKY TEMPERATURES AND RAINFALL**

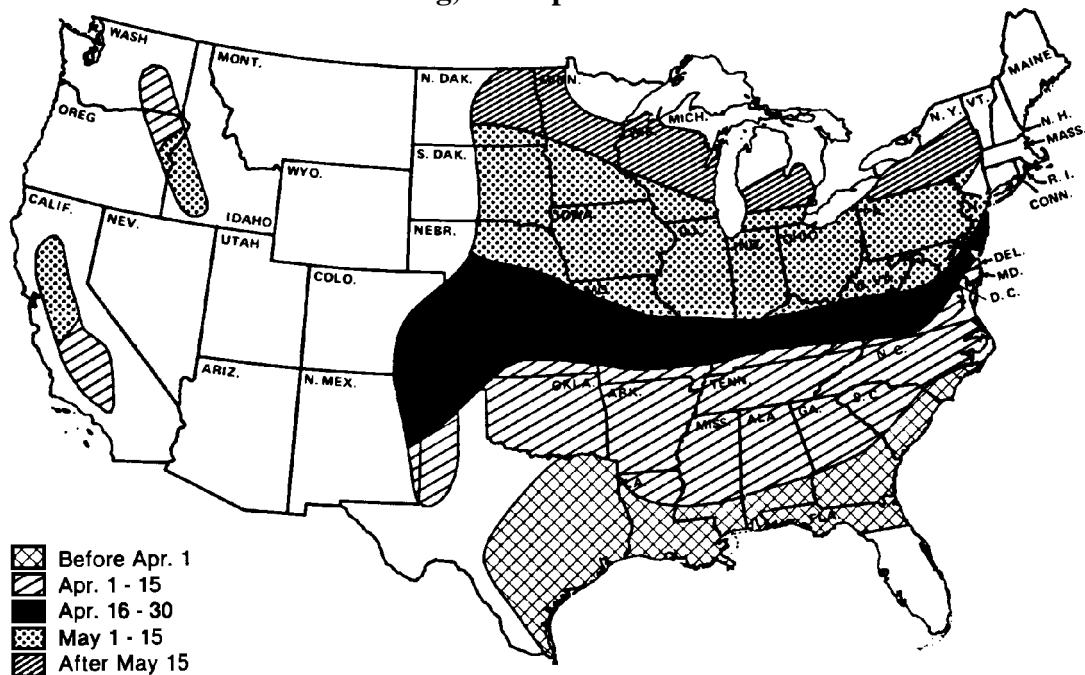
**FOR WEEK ENDING SUNDAY, APRIL 8, 7:00 P.M.**

Weather Station	Precipitation		Deviation From Normal Since Jan. 1	Temperatures					Air Temp.
	Last Week	Since Jan 1		Soil 4 In. High	Grass Low	Air High	Air Low	Wkly. Avg	Deviation From Normal
	(Inches)			(Degrees Fahrenheit)					
Bardstown	0.92	9.98	-1.52	60	47	83	36	62.6	+10
Berea	0.40	10.60	-0.59	64	45	84	30	61.3	+10
Bowling Green	0.67	10.07	-4.13	--	--	88	43	65.2	+12
Bristol	0.39	12.43	+1.18	--	--	81	27	58.2	+7
Buckhorn Lake	0.71	10.45	-2.02	--	--	87	29	60.6	+9
Cape Girardeau	1.09	9.18	-3.25	--	--	81	46	65.2	+10
Campbellsville	1.08	11.25	-2.54	60	45	85	36	62.3	+10
Covington	0.15	4.46	-6.06	--	--	85	27	60.8	+10
Cumberland Gap	0.42	12.19	-2.28	70	49	86	29	60.6	+9
Dix Dam	0.54	10.36	-1.49	--	--	83	33	61.8	+11
Evansville	0.85	7.72	-3.84	--	--	84	45	64.9	+10
Glasgow	0.87	10.33	-3.99	57	45	86	38	63.3	+11
Grayson	0.53	7.83	-2.30	63	47	86	30	60.7	+9
Hardinsburg	0.78	8.49	-4.63	62	49	86	41	64.6	+12
Henderson	1.52	7.28	-4.74	64	51	84	42	64.7	+10
Huntington	0.60	7.47	-2.60	--	--	86	29	60.4	+9
Jackson	0.29	9.19	-3.13	--	--	87	32	61.6	+10
Lexington	0.35	8.90	-2.60	--	--	84	34	61.7	+10
London	0.87	11.12	-1.43	--	--	86	31	61.4	+10
Louisville	0.42	8.34	-3.61	--	--	86	39	63.9	+11
Mayfield	0.63	7.10	-8.03	63	47	84	36	62.6	+8
Nashville	0.03	14.31	+0.88	--	--	83	43	66.4	+14
Nolin Lake	0.61	9.25	-3.98	--	--	87	42	64.9	+12
Paducah	1.12	9.25	-4.18	60	43	85	44	65.9	+11
Princeton	1.18	10.65	-3.80	67	50	86	46	66.7	+12
Quicksand	0.66	11.07	-1.25	63	44	87	29	60.6	+9
Somerset	1.42	14.05	+0.80	64	44	86	33	61.6	+10
Spindletop	0.42	7.94	-3.56	63	42	82	34	60.7	+9
Williamstown	0.05	6.41	-4.71	63	44	85	33	61.4	+10

The above information is provided by Tom Priddy, Kentucky Extension Agricultural Meteorologist, University of Kentucky Agr'l Weather Center (859)257-3000 ext 245. E-mail: tpriddy@ca.uky.edu Additional Ky weather data available on Internet at: <http://www.wagwx.ca.uky.edu/>

## CORN FOR GRAIN

Usual Start of Planting, Principal Areas in the United States



### DEFINITIONS OF:

### WHEAT PHENOLOGICAL STAGES USED IN SUBSEQUENT RELEASES

- Emerged - As soon as plants are visible.  
Headed - The head is present, visible and fully emerged.

This release and others can be viewed on the Internet at <http://www.nass.usda.gov/ky/> For a free E-Mail subscription of the Kentucky Weekly Crop & Weather report, send an E-Mail message to [nass-state-releases@news.usda.gov](mailto:nass-state-releases@news.usda.gov) with the following command in the body of the message: **subscribe ky-crop-weather <e-mail address>**. The E-Mail address is optional; leave the address blank unless subscribing for someone else. The default address is where you sent the message from. You would unsubscribe in a similar way but use the word unsubscribe.

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